Index of Claims

| 1 | aak | lic | ation | /Contr | ol No. |
|---|-----|-----|-------|--------|--------|
| | | | | | |

10/790,627

Examiner

Tony Chuo

Applicant(s)/Patent under Reexamination

MATHIOWETZ ET AL.

Art Unit

1746

Rejected Allowed

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| | |

÷

Restricted

Non-Elected N Interference

| A | Appeal | | | | |
|---|----------|--|--|--|--|
| 0 | Objected | | | | |

| | | | | | | | • | | _ | | |
|----------|----------|-------------------------|--------------|--|----------|------------|--|--|--|----------|----------|
| Cla | im | Date | | | | | | | | | ıſ |
| Final | Original | 90/6/5 | | | | | | | | | |
| - | 1 | 15 | <u> </u> | - | H | | \vdash | - | \vdash | H | |
| - | 2 | ľ | _ | H | - | | - | - | 1 | - | H |
| — | 3 | Ù | <u> </u> | - | | | - | - | 1 | | H |
| | 4 | V | _ | \vdash | | _ | 1 | \vdash | \vdash | - | l 1 |
| | 5 | ĺν | ۲ | | | | \vdash | \vdash | \vdash | \vdash | T |
| | 6 | V | - | | \vdash | | | H | \vdash | | lt |
| | 7 | レ | r_ | _ | _ | - | | \vdash | | _ | T |
| | 8 | V | <u>۲</u> | Г | Г | | | | | | |
| | 9 | $\overline{\mathbf{v}}$ | _ | | | | \vdash | | T | | 1 |
| | 10 | レ | _ | | | | | Г | Т | | |
| | 11 | V | <u> </u> | | | | | | | | |
| | 12 | V | Γ | | Г | | | Г | | | |
| | 13 | V | | | | | | | | | |
| | 14 | V | | | | | | Π | | | Ιſ |
| | 15 | V | | | | | Г | Г | Г | Г | Ιſ |
| | 16 | V | | | | | | | | | 1 [|
| | 17 | | | | | | | | | | [|
| | 18 | | | | | | | | | |] [|
| | 19 | Г | | | | | | | | |] [|
| | 20 | | | | | | | | | |] [|
| | 21 | | | | | | | | | |) [|
| | 22 | | | | | | | | | | 1 [|
| | 23 | | | | | | | | | |] [|
| | 24 | | | | | | | | L | | lL |
| \perp | 25 | | L | | | | <u> </u> | L | L | L | l L |
| | 26 | ┖ | _ | | | | L | | ᆫ | | ΙL |
| | 27 | _ | | _ | | _ | _ | _ | <u> </u> | _ | |
| <u></u> | 28_ | <u> </u> | <u> </u> | L | | _ | <u> </u> | _ | <u> </u> | | l |
| ļ | 29 | <u> </u> | | <u> </u> | | | <u> </u> | | ㄴ | _ | l |
| ļ | 30 | L | _ | _ | | _ | <u> </u> | <u> </u> | <u> </u> | _ | ll |
| <u></u> | 31 | _ | <u> </u> | _ | | _ | _ | <u> </u> | <u> </u> | _ | |
| | 32 | | <u> </u> | <u> </u> | | | <u> </u> | _ | _ | | 1 1 |
| <u> </u> | 33 | <u> </u> | - | | <u> </u> | <u> </u> | ├— | <u> </u> | <u> </u> | | - |
| <u> </u> | 34 | | - | <u> </u> | <u> </u> | <u> </u> | ├ | <u> </u> | - | - | - |
| - | 35 36 | - | - | \vdash | \vdash | _ | \vdash | \vdash | \vdash | _ | - |
| — | 35 | - | | \vdash | \vdash | <u> </u> | \vdash | \vdash | \vdash | <u> </u> | - |
| \vdash | 38 | H- | - | \vdash | \vdash | <u> </u> | \vdash | \vdash | ├ | <u> </u> | - |
| \vdash | 39 | \vdash | \vdash | \vdash | \vdash | - | | ├ | \vdash | <u> </u> | |
| - | 40 | \vdash | - | - | \vdash | - | | | | \vdash | |
| \vdash | 41 | Н | | | - | - | | ┢ | ┢ | \vdash | H |
| | 42 | Н | - | \vdash | \vdash | _ | \vdash | \vdash | | \vdash | |
| \vdash | 43 | | Н | \vdash | Н | \vdash | | | | Н | F |
| | 44 | Н | | - | Н | | \vdash | \vdash | | \vdash | |
| | 45 | Г | | | Н | - | _ | T | | \vdash | |
| | 46 | 1 | | | | Т | <u> </u> | | \vdash | | t |
| | 47 | | | | | | | | | Г | |
| | 48 | Г | Г | | | | | | | _ | |
| | 49 | | | | | | | | Γ | | |
| | 50 | П | П | | | | | | | | |
| | | | _ | _ | _ | ш. | | | _ | | |

| Cla | im | | | | - | Date | e | | | |
|----------|----------------|----------|----------|-------------------|--------------|----------|----------|----------|--|--------------|
| Final | Original | | | | | | | | | |
| | 51 | | | | | | | | | |
| 1. | 52 | | | | | | | | | |
| | 53 | | | | | | | | | |
| | 54 | | | | | | | | | |
| | 55 | | | | | | | | | |
| | 56 | | | | | | | | | |
| | 57 58 | | | | | | | | | |
| | 58 | | | | | | | | | |
| | 59 | | | | | | | | | |
| | 60 | | | | | | | | | |
| | 61 | | | | | | | | | |
| | 62 | | | | | | | | | |
| | 63 | | | | | | | | | |
| | 64 | | | | | | | | | |
| | 65 | | | | | | | | | <u></u> |
| | 66 | _ | | | | | | | | |
| L | 67 | | | L_ | | | L | | L | L |
| L | 68 | L | | | | L | | | | L |
| L | 69 | | L | L | | | L | | _ | _ |
| | 70 | | | L | L | L | _ | | | _ |
| | 71 | | | | | | | | _ | |
| | 71 72 73 | _ | _ | | L | L | _ | | L | _ |
| | 73 | _ | _ | L | L | _ | _ | | <u> </u> | ! _ |
| | 74 75 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | | <u> </u> | <u> </u> |
| | 75 | - | <u> </u> | \vdash | - | | _ | _ | <u> </u> | <u> </u> |
| | 76 77 | <u> </u> | | <u> </u> | - | _ | - | | <u> </u> | - |
| | 70 | H | - | | \vdash | - | | _ | ├- | ⊢ |
| | 78 79 | | | | H | \vdash | ⊢ | _ | ┝ | ┝ |
| <u> </u> | 80 | ┝ | | ⊢ | - | - | - | - | ⊢ | |
| - | 81 | \vdash | | - | - | - | \vdash | - | | - |
| \vdash | 82 | - | _ | - | | - | \vdash | _ | ┢ | ⊢ |
| - | 82 83 | | | ⊢ | - | \vdash | \vdash | \vdash | \vdash | |
| | 84 | | \vdash | \vdash | H | | | | | H |
| | 85 | \vdash | | \vdash | | | \vdash | _ | \vdash | - |
| | 86 | ┢╌ | | \vdash | \vdash | | \vdash | - | \vdash | - |
| | 87 | | _ | \vdash | | \vdash | 1 | | _ | \vdash |
| | 88 | | | | | | | | | |
| | 89 | | | | | | | | | |
| | 90 91 | | | | | | | | | |
| | 91 | | | Г | | | | | | |
| | 92 | | | | | | | | | |
| | 93 | | | | | | | | | |
| | 94 | | | | | | | | | |
| | 95 | | | | | | | | | |
| | 96 | | | | | | | | | |
| | 97 | | L_ | $ldsymbol{f eta}$ | L | | | | | L |
| L | 98 | L. | <u> </u> | <u> </u> | L_ | _ | <u> </u> | _ | <u> </u> | L |
| L | 99 | oxdot | | | | | L | | | _ |

100

| Cli | aim | Date | | | | | | | | | |
|--|---|---|-------------------------------------|--|--|----------|----------|-------------------------------------|--|----------|--|
| | | | Γ | | | | | | | | |
| Final | Original | | | | | | | | | | |
| ιĒ | Orig | | | | | | | | | | |
| | | | | | | | | | | | |
| | 101 102 | | | | | | | | | | |
| | 102 | | | | | | | | | | |
| | 103 | | | | | | | | | | |
| | 103 104 105 | | | | | | | | | | |
| | 105 | | | | | | | | | | |
| | 106 107 | | | | | | | | | | |
| | 107 | | | | | | | | | | |
| | 108 | L | L | | | | | L | | Ш | |
| | 109 | | | | | | | | L | | |
| | 110 111 | | _ | | _ | | | | | | |
| | 111 | | | | | | | | | | |
| | 112 | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _ | <u> </u> | | | L_ | | <u> </u> | | |
| | 113 | _ | _ | | L_ | | | <u> </u> | _ | | |
| | 114 | | <u></u> | | | _ | L | | | | |
| | 113 114 115 | L | <u> </u> | <u> </u> | _ | _ | | L_ | L. | Ш | |
| | 116 | L | L_ | L_ | | _ | L | _ | L | | |
| | 117 | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _ | $ldsymbol{ld}}}}}}$ | | | L | ļ., | | |
| | 118 | L | _ | | L. | _ | | _ | | Ш | |
| | 119 | $ldsymbol{ld}}}}}}$ | L | _ | _ | | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | | |
| | 120 | | L. | <u> </u> | | _ | L | <u> </u> | _ | | |
| | 121 | | L | L | _ | L | | <u> </u> | _ | | |
| | 122 | _ | <u> </u> | <u> </u> | | | | L. | L | Ш | |
| | 118 119 120 121 122 123 124 | | <u> </u> | <u> </u> | ┕ | Щ | | L | | Щ | |
| | 124 | | | L | _ | | _ | L | L | | |
| | 125 126 127 | _ | | <u> </u> | | | \vdash | _ | _ | _ | |
| | 126 | _ | | | | | | _ | ļ | Щ | |
| | 127 | | _ | <u> </u> | | | | ļ | <u> </u> | _ | |
| | 128 129 130 131 | | | <u> </u> | _ | _ | _ | <u> </u> | ⊢ | \Box | |
| | 129 | <u> </u> | _ | <u> </u> | \vdash | | | - | | \dashv | |
| | 130 | <u> </u> | <u> </u> | | _ | | | | ├ | | |
| | 132 | | | ┝ | _ | | _ | <u> </u> | ⊢ | - | |
| ├— | 132 | | _ | <u> </u> | _ | _ | _ | | <u> </u> | \vdash | |
| <u> </u> | 133 134 | H | \vdash | ⊢ | - | \vdash | <u> </u> | \vdash | | \vdash | |
| | 135 | \vdash | - | | | - | \vdash | \vdash | - | \vdash | |
| - | 135 | H | | ├ | H | \vdash | <u> </u> | \vdash | - | \vdash | |
| | 136 137 | | \vdash | - | \vdash | | \vdash | \vdash | - | \vdash | |
| \vdash | 138 | \vdash | \vdash | \vdash | \vdash | | ├ | \vdash | \vdash | H | |
| <u> </u> | 139 | \vdash | \vdash | \vdash | \vdash | \vdash | ┝ | \vdash | | \vdash | |
| | 140 | | \vdash | \vdash | - | | \vdash | \vdash | \vdash | \dashv | |
| | 141 | - | - | - | - | \vdash | \vdash | \vdash | \vdash | \vdash | |
| \vdash | 142 | | | \vdash | \vdash | Н | \vdash | \vdash | \vdash | \vdash | |
| $\vdash \vdash$ | 143 | - | | | Ι | Η- | \vdash | \vdash | \vdash | \vdash | |
| | 144 | \vdash | \vdash | | Н | H | \vdash | \vdash | | \vdash | |
| | 145 | - | 一 | | \vdash | \vdash | \vdash | 一 | \vdash | \vdash | |
| <u> </u> | 146 | \vdash | - | | \vdash | ┝ | \vdash | \vdash | \vdash | H | |
| \vdash | 147 | <u> </u> | \vdash | | \vdash | \vdash | \vdash | \vdash | \vdash | - | |
| <u> </u> | 148 | - | <u> </u> | | _ | \vdash | \vdash | ┢ | \vdash | \vdash | |
| | 149 | \vdash | \vdash | | Н | <u> </u> | \vdash | \vdash | | \vdash | |
| | 150 | | | | \vdash | Н | \vdash | \vdash | \vdash | \dashv | |
| | | | | | | | | | | ш | |